Tim van Cann
Senior Data Engineer

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Profiles

in timvancann

Skills

Programming Languages
Python, Scala, Rust, C#, Typescript

GCP
Pub/Sub, BigQuery, GCS, Cloud Run, AppEngine, Logging

Azure
Data Factory, Event Hubs, Storage, Kubernetes, EventGrid, DataBricks, ADX

AWS
Lambda, ECS, RDS, S3, SQS, CloudFormation, Kinesis, Cloudwatch

General
Docker, Kubernetes, Spark, Airflow, Kafka, Terraform, DataBricks

Softskills
Agile (scrum/kanban), Teaching/Training, Mentoring

Languages

Dutch
Native

English
Professional

Summary

Highly experienced and skilled Senior Data Engineer with over 10 years expertise in designing, building, and maintaining large-scale data pipelines and systems. Proficient in utilizing a variety of technologies such as - Scala / Python - Azure / GCP - Devops / MLOps to extract, transform, and load data for business intelligence and analytics. Proven track record of delivering high-quality data solutions and driving data-driven decision making. Strong communicator and team player with a passion for solving complex data challenges. Proven ability to lead and train data engineering teams.

Experience

Xebia Data   May 2017 - present
Senior Data Engineer   Amsterdam
https://xebia.com/digital-transformation/data-and-ai/

ASML (via Xebia Data)   Feb 2024 - present
Senior Data Engineer   Veldhoven
https://www.asml.com/

Design and implementation of inner sourcing data utilities for data catalog, streaming logs, data quality in an extremely high data volume multi-cloud environment.

Royal Flora Holland (via Xebia Data)   May 2023 - Feb 2024
Senior Data Engineer   Aalsmeer
https://www.royalfloraholland.com/

Implementation and maintenance of scalable data pipelines to support actively running machine learning models in production.

Renewi (via Xebia Data)   Nov 2021 - Mar 2022
Solution Architect   Eindhoven
https://www.renewi.com/

Design and rollout of the Enterprise Data Lake. Support migration of on-prem pipelines to cloud.

Rabobank (via Xebia Data)   Mar 2020 - Oct 2021
Senior Data Engineer / Solution Architect   Utrecht
https://www.rabobank.nl/

Design of the Enterprise Data Lake (EDL). Design of EDL onboarding automation onto Azure. Design and implementation of EDL ingestion automation framework using ADF, Databrick and Python.

Royal Schiphol Group (via Xebia Data)   Jun 2018 - Oct 2020
Senior Data Engineer   Amsterdam Airport Schiphol
https://www.schiphol.nl/nl/schiphol-group/

Designing and implementing parts of a Big Data platform. Leverage streaming data for analytics and machine learning. Member of the Deep Turnaround team using to process streaming images.

Unilever (via Xebia Data)   Jan 2018 - Jul 2018
Senior Data Engineer / Solution Architect   Rotterdam
https://www.unilever.com/

Migration of SQL scripts to scalable Spark jobs. Implementation of a data lake.

Tele2 (via Xebia Data)   Oct 2017 - Apr 2018
Lead Data Engineer   Amsterdam
https://www.tele2.nl/

Leading the data engineering team in the implementation of scalable machine learning models.

Quby (Eneco) (via Xebia Data)   May 2017 - Oct 2017
Machine Learning Engineer   Amsterdam
https://www.eneco.nl/energieproducten/toon-thermostaat/

Scalable implementation in Spark of the models driving the Eneco WasteCheck app.

Handling large quantities of granular electricity and gas signals to identify appliances and their power usage.

QNH   Oct 2015 - Sept 2017
Business Analytics Consultant   Amsterdam
https://www.ilionx.com/persbericht/qnh-consulting-en-ilionx-samen-verder-onder-een-naam/

Big data analytics: statistical analysis, machine learning, time-series analysis, customer journey analysis, market basked analysis, recommendation engines, cloud solutions (analyses with python, scala and apache-spark)

Front- and backend development with python, scala and javascript

Thunderhead   Sep 2013 - Sep 2015
Software Developer   Amsterdam
https://www.medallia.com/press-release/medallia-to-acquire-thunderhead-journey-orchestration/

Agile software development (scrum/kanban). Implementing new features for the product (as well as solving problems that arise) using tools such as Java, Maven, Spring, Hibernate, Jersey, Tomcat
Designing and implementing incremental (online) autonomous self-learning system.

Education

Maastricht University   2011 - 2013
Artificial Intelligence   Master

References

Jeroen Wolffensperger
Solution Architect Data at Rabobank
https://www.linkedin.com/in/jwolffen/

Tim is a very good communicator and is very capable of explaining complex technical topics in a very understandable way. Tim is a good in thinking out of the box and sees where improvements can be made by for example automating labor intensive steps or by creating reusable templates that can be used by many teams. For me personally Tim was a very good sparring partner for architectural questions asking critical questions and also doing proposals I had never thought about.

Jakub Malinowski
Product Manager Global Data Platform at Rabobank
https://www.linkedin.com/in/jakubmalinowski/

Tim is a very enthusiastic, automation-driven professional. His experience and expertise have helped my teams to develop very complex customized cloud solutions. He always looks forward to new challenges, and things he can automate!

Lesie Keizer
Senior Product Owner
https://www.linkedin.com/in/leslie-keijzer-0351743/

I've come to know Tim as mister automate, with a constant drive to make sure you need to do stuff only ones, he comes up with truly future-proof solutions.
He is one of those guys that is really stubborn but in the best way possible, really believing in what he things is right and being able to substantiate these ideas in such a way that people understand his reasoning and as a result he gets stuff done. What else do want from an engineer? Oh yeah he is also just a really nice guy! Would recommend him without a second thought.

Dirk Guijt
Lead Data Scientist at Royal FloraHolland
https://www.linkedin.com/in/dirkguijt/

I've had the pleasure of working with Tim in the data science team at Royal FloraHolland. He's a very knowledgdable guy and has a can-do attitude. I could safely say our stack and code quality have improved due to Tim's contributions!